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NOTICE OF ALLOWANCE AND FEE(S) DUE

22855

7590

12/04/2001

RANDALL J. KNUTH P.C. 3510-A STELLHORN ROAD FORT WAYNE, IN 46815-4631 EXAMINER
RODRIGUEZ, ARMANDO

ART UNIT CLASS-SUBCLASS

2877

372-098000

DATE MAILED: 12/04/2001

•					
- 1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
				<u> </u>	
	09/178.968	10/26/1998	JEFF DULANEY	LSP-18	5151

TITLE OF INVENTION: SINGLE MODE OSCILLATOR FOR A LASER PEENING LASER

TOTAL CLAIMS	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
38	nonprovisional	YES	\$640	\$0	\$640	03/04/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.

<u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1,313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED</u>. SEE 35 U.S.C. 151.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

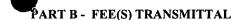
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

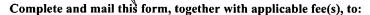
□ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.





Box ISSUE FEE

Assistant Commissioner for Patents

Washington, D.C. 20231

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

indicated unless correct maintenance fee notifica	ted below or directed othe	rwise in Block 1, by (a)	specifying a new co	orrespondence address	; and/or (b) indicating a sepa	arate "FEE ADDRESS" for
22855 RANDALL J. 3510-A STELL			use Block 1)	or formal drawing, r	te of mailing below can or (s) Transmittal. This certifically papers. Each additional papers and the second papers and the second papers of the second pap	er, such as an assignment f mailing.
				marcated below.		(Depositor's name)
					·	(Signature)
						(Date)
APPLICATION NO.	FILING DATE	F	TRST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/178,968	10/26/1998	L	JEFF DULANEY	,	LSP-18	5151
TOTAL CLAIMS 38	APPLN. TYPE nonprovisional	SMALL ENTITY YES	ISSUE FEE \$640	PUBLICATION F	TEE TOTAL FEE(S) DUE	DATE DUE 03/04/2002
EVA	AMINER	ART UNIT	CLASS-SUBCI	ASS		
	EZ, ARMANDO	2877	372-09800			
□ Change of corresponders of corresponders of corresponders of the Data of th	ication (or "Fee Address" I	e of Correspondence	or agents OR, single firm (ha attorney or age registered paten	on the patent front p p to 3 registered pate alternatively, (2) the iving as a member ent) and the names at attorneys or agents.	nt attorneys name of a a registered of up to 2	
3. ASSIGNEE NAME A	AND RESIDENCE DATA	TO BE PRINTED ON T	HE PATENT (print o	or type)		
PLEASE NOTE: Unle been previously submi (A) NAME OF ASSIG				oatent. Inclusion of as on of this form is NOT and STATE OR CO	signee data is only appropriat a substitute for filing an assig UNTRY)	te when an assignment has gnment.
	riate assignee category or c	categories (will not be prin	nted on the patent)	🗖 individual 🚨	corporation or other private g	roup entity
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□ D				t of the fee(s) is enclosed. Form PTO-2038 is		
□ Advance Order - # of Conies □ The Con			•	hereby authorized by	charge the required fee(s), or conclude an extra copy of this	credit any overpayment, to form).
The COMMISSIONER	OF PATENTS AND TRA	DEMARKS is requested	to apply the Issue Fee	and Publication Fee	(if any) to the application ider	ntified above.
(Authorized Signature)		(Date)				

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

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APPLICATION NO.	FIL	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/178,968	1	0/26/1998	JEFF DULANEY	LSP-18 5151 EXAMINER		
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RANDALL J. KNUTH P.C.				RODRIGUEZ, ARMANDO		
	3510-A STELLHORN ROAD FORT WAYNE, IN 46815-4631			ART UNIT	PAPER NUMBER	
UNITED STAT	TES			2877		
			DATE MAILED: 12/04/2001			

Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 8, 1995 but prior to May 29, 2000)

The patent term extension is days. Any patent to issue from the above identified application will include an indication of the day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

		V					
-	Application No.	Applicant(s)					
Notice of Allowability	09/178,968	DULANEY EFAL.					
Notice of Allowability	Examiner	Art Unit					
	Armando Rodriguez	287,7					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.							
1. A This communication is responsive to <u>response filed on Sep</u>	<u>stember 17, 2001</u> .						
2. The allowed claim(s) is/are <u>1-38</u> .							
3. The drawings filed on are accepted by the Examine	r.						
4. ☐ Acknowledgment is made of a claim for foreign priority und a) ☐ All b) ☐ Some* c) ☐ None of the:							
1. Certified copies of the priority documents have	been received.						
2. Certified copies of the priority documents have							
3. Copies of the certified copies of the priority doc							
International Bureau (PCT Rule 17.2(a)).	amento have been received in the	national stage application from the					
* Certified copies not received:							
5. Acknowledgment is made of a claim for domestic priority ur	nder 35 U.S.C. § 119(e) (to a provis	ional application)					
(a) The translation of the foreign language provisional a	•	.ее. арриосиелу.					
6. Acknowledgment is made of a claim for domestic priority ur							
C. M. Addition Congression in the desired to a chairm for defined to priority at	120 00 0.0.0. 33 120 0.0.01 121.						
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of							
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.							
8. CORRECTED DRAWINGS must be submitted.							
(a) ☑ including changes required by the Notice of Draftspers	son's Patent Drawing Review (PTC)-948) attached					
1) ☐ hereto or 2) ⊠ to Paper No. 3.	on or atom Brawing Noview (* 19	7 0 707 01.001100					
	porroation filed which has b	soon approved by the Everniner					
(b) including changes required by the proposed drawing correction filed, which has been approved by the Examiner.							
(c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No							
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.							
9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.							
Attachment(s)							
1 Notice of References Cited (PTO-892)	2☐ Notice of Inform	al Patent Application (PTO-152)					
3☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 4☐ Interview Summary (PTO-413), Paper No							
5☐ Information Disclosure Statements (PTO-1449), Paper No 6☐ Examiner's Amendment/Comment							
7 Examiner's Comment Regarding Requirement for Deposit of Biological Material	8⊠ Examiner's Stat 9⊡ Other .	ement of Reasons for Allowance					

Application/Control Number: 09/178,968

Art Unit: 2877

DETAILED ACTION

Allowable Subject Matter

Claims 1-38 are allowed.

The following is an examiner's statement of reasons for allowance:

Applicant has filed a declaration under 37 C.F.R 1.131 to overcome the rejection mailed on April 12, 2001. After conducting an updated search examiner finds that none of the prior arts alone or combination discloses the laser peening system.

Regarding claims 1-18.

None of the prior arts discloses the method for laser peening of independent claim1 in particular the steps of generating a single transverse pulse and sharpening the pulse.

Regarding claims 19-38.

None of the prior arts discloses the structural combination for laser peening of independent claim19 in particular the limitation of having a single transverse pulse and a pulse sharpening device.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Page 3

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Armando Rodriguez whose telephone number is (703) 308-6218. The examiner can normally be reached on 10-hour day / M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Frank G. Font can be reached on (703) 308-4881. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7721 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Armando Rodriguez

Examiner Art Unit 2877

AR/FGF November 29, 2001 Frank G Font Supervisor

HU S

Supervisor Art Unit 2877